

Claims

1. A method for call forwarding,
wherein a first call number which is entered at a first
5 telecommunication terminal (10), said first call number being
allocated to a second terminal (11), is used in order to
establish a connection (S1) to the second terminal (11) and the
call is not accepted (S2) at the second terminal (11),
characterized in that
10 the first terminal (10) triggers (S3) the transfer of an
identification inquiry message containing the first call number
to an automatic telecommunication service (20) in order to
identify an alternative call number,
whereupon the telecommunication service identifies (S4) a
15 second call number of a third terminal (12) by means of an
electronically stored assignment specification from an
electronic directory system (14) containing the first call
number and a multiplicity of call numbers which are allocated
to further terminals, and
20 the second call number is used (S7) to establish a connection
between the first terminal and the third terminal (10, 12).
2. The method as claimed in Claim 1,
characterized in that
25 the transfer of the identification inquiry message is triggered
(S3) in response to a first input of a user at the first
terminal (10).
3. The method as claimed in Claim 1 or 2,
30 characterized in that
attributes with attribute values are assigned to each call
number in the directory system.

4. The method as claimed in Claim 3,
characterized in that
the assignment specification refers to an attribute for the
first call number, which attribute contains the second call
5 number.

5. The method as claimed in Claim 3 or 4,
characterized in that
the assignment specification refers to an attribute whose value
10 is identical in the case of the first and second call numbers.

6. The method as claimed in one of the preceding claims,
characterized in that
the connection setup (S7) between first and third terminals
15 (10, 12) is initiated automatically after identification (S4)
of the second call number.

7. The method as claimed in one of the preceding claims,
characterized in that
20 the telecommunication service transfers identification result
information to the first terminal (10) in response to the
identification inquiry message, said identification result
information referring to the second call number or to each
second call number, and
25 the identification result information is output on a display
unit (18) of the first terminal (10) or by means of voice
output.

8. The method as claimed in Claim 7,
30 characterized in that
after output of the identification result information, the user
effects the connection setup (S7) to the third terminal (12) by
means of a second input.

9. The method as claimed in one of the preceding claims,
characterized in that
the telecommunication service (20) and/or the directory system
5 (14) is implemented on a central exchange (13) or distributed
over a plurality of exchanges.

10. The method as claimed in one of the preceding claims,
characterized in that
10 the telecommunication service (20) and/or the directory system
(14) is implemented on the first terminal (10).

11. An arrangement including a plurality of telecommunication
terminals (10, 11, 12) which can be connected via an exchange
15 (13) for carrying out a method in accordance with one of the
preceding claims,
characterized in that
a first terminal (10) or the exchange (13) features a
forwarding control unit (21) which is configured such that, in
20 response to a first input of a user at the first terminal (10),
it transfers a first call number which was previously input at
the first terminal to
a directory system query unit (20) which is configured for
submitting a query to an electronic directory system (14) in
25 order to identify a second call number which can be assigned to
the first call number and to transfer this to the forwarding
control unit (21).

12. The arrangement as claimed in Claim 12,
30 characterized in that
the directory system query unit (20) is functionally assigned
to the exchange (13) or to the terminal (10).

13. The arrangement as claimed in Claim 11 or 12,
characterized in that
the forwarding control unit (21) is configured for transferring
a control command in response to the receipt of the second call
5 number, in order to trigger a connection setup from the first
terminal (10) to a third terminal (12) to which the second call
number is assigned.

14. The arrangement as claimed in one of the Claims 11 to 13,
10 characterized in that
the first terminal (10) or the exchange (13) is configured for
automatically initiating the setup of a connection to the third
terminal (12) by means of the second call number, without a
second input from the user.

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15. The arrangement as claimed in one of the Claims 11 to 14,
characterized in that
at the first terminal (10), at least one of the following
entities is configured for accepting the first input of the
20 user and/or a second input of the user, on the basis of which
input it selects one of a plurality of second call numbers:

- one or more predefined keys (17),
- a display unit (18) with assigned control keys (17) for
navigation and selection of a menu option from a menu ()
25 which is displayed on the display unit (18),
- a voice recognition system for recognizing the first
and/or second user input, this having the form of a voice
input.